

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/512,737A  
Source: JFLQ16  
Date Processed by STIC: 08/04/2006

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737A

DATE: 08/04/2006

TIME: 10:13:05

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08042006\J512737A.raw

2 <110> APPLICANT: BioTeSys GmbH  
 3 Schelztorstrasse 54-56  
 4 D 73728 Esslingen  
 5 GERMANY  
 W--> 6 <120> TITLE OF INVENTION: transport system in biological systems  
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/512,737A  
 C--> 7 <141> CURRENT FILING DATE: 2004-10-27  
 W--> 0 <130> FILE REFERENCE:  
 7 <150> PRIOR APPLICATION NUMBER: A 656/2002  
 8 <151> PRIOR FILING DATE: 2002-04-29  
 W--> 9 <160> NUMBER OF SEQ ID: 15

## ERRORED SEQUENCES

W--> 10 <210> SEQ ID NO: 1  
 11 <211> LENGTH: 6  
 12 <212> TYPE: PRT  
 13 <213> ORGANISM: Artificial sequence  
 W--> 14 <220> FEATURE:  
 15 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 16 <400> SEQUENCE: 1  
 17 Gly Arg Gly Asp Ser Pro  
 E--> 18 1  
 19 <210> SEQ ID NO: 2  
 20 <211> LENGTH: 5  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Artificial sequence  
 W--> 23 <220> FEATURE:  
 24 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 25 <400> SEQUENCE: 2  
 26 Tyr Ile Glu Ser Arg  
 E--> 27 1  
 28 <210> SEQ ID NO: 3  
 29 <211> LENGTH: 5  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Artificial sequence  
 W--> 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 34 <400> SEQUENCE: 3  
 35 Ala Asp Gly Glu Ala  
 E--> 36 1  
 37 <210> SEQ ID NO: 4

Does Not Comply  
 Corrected Diskette Needed  
 Cpg-1-5

Invalid  
 Amino Acid  
 Numbering

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737A

DATE: 08/04/2006

TIME: 10:13:05

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08042006\J512737A.raw

38 <211> LENGTH: 6  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial sequence  
 W--> 41 <220> FEATURE:  
 42 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
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 44 Val Arg Leu Leu Asn Asn  
 E--> 45 1 *S* *5*  
 46 <210> SEQ ID NO: 5  
 47 <211> LENGTH: 8  
 48 <212> TYPE: PRT  
 49 <213> ORGANISM: Artificial sequence  
 W--> 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 52 <400> SEQUENCE: 5  
 53 Val Arg Leu Leu Asn Asn Trp Asp *S* *5*  
 E--> 54 1 *S* *5*  
 55 <210> SEQ ID NO: 6  
 56 <211> LENGTH: 8  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Artificial sequence  
 W--> 59 <220> FEATURE:  
 60 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
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 62 Gly Arg Val Arg Leu Leu Asn Asn *S* *5*  
 E--> 63 1 *S* *5*  
 64 <210> SEQ ID NO: 7  
 65 <211> LENGTH: 6  
 66 <212> TYPE: PRT  
 67 <213> ORGANISM: Artificial sequence  
 W--> 68 <220> FEATURE:  
 69 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 70 <400> SEQUENCE: 7  
 71 Met Thr Ala Gly Ala Gly *S* *5*  
 E--> 72 1 *S* *5*  
 73 <210> SEQ ID NO: 8  
 74 <211> LENGTH: 6  
 76 <212> TYPE: PRT  
 77 <213> ORGANISM: Artificial sequence  
 W--> 78 <220> FEATURE:  
 79 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
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 81 Leu Ser Gly Ala Leu Arg *S* *5*  
 E--> 82 1 *S* *5*  
 83 <210> SEQ ID NO: 9  
 84 <211> LENGTH: 22  
 85 <212> TYPE: PRT  
 86 <213> ORGANISM: Artificial sequence  
 W--> 87 <220> FEATURE:

*same error*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737A

DATE: 08/04/2006

TIME: 10:13:06

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08042006\J512737A.raw

88 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 89 <400> SEQUENCE: 9  
 91 Ile Val Ala Ile Leu Ile Cys Ile Leu Ile Leu Thr Met Val Leu  
 E--> 92 1 5 5 10 2015  
 E--> 93 15  
 94 Leu Phe Val Met Trp Met  
 E--> 95 20 20  
 96 <210> SEQ ID NO: 10  
 97 <211> LENGTH: 12  
 98 <212> TYPE: PRT  
 99 <213> ORGANISM: Artificial sequence  
 W--> 100 <220> FEATURE:  
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 103 Ile Val Ala Ile Leu Ile Cys Ile Leu Ile Leu Leu  
 E--> 104 1 5 5 10 20  
 105 <210> SEQ ID NO: 11  
 106 <211> LENGTH: 18  
 107 <212> TYPE: PRT  
 108 <213> ORGANISM: Artificial sequence  
 W--> 109 <220> FEATURE:  
 110 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 111 <400> SEQUENCE: 11  
 112 Ile Val Ala Ile Leu Ile Cys Ile Leu Ile Leu Leu Thr Met Val Leu  
 E--> 113 1 5 5 10 2015  
 E--> 114 15  
 115 Leu Phe  
 116 <210> SEQ ID NO: 12  
 117 <211> LENGTH: 6  
 118 <212> TYPE: PRT  
 119 <213> ORGANISM: Artificial sequence  
 W--> 120 <220> FEATURE:  
 121 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 122 <400> SEQUENCE: 12  
 123 Ile Val Ala Ile Leu Ile  
 E--> 124 1 5  
 125 <210> SEQ ID NO: 13  
 126 <211> LENGTH: 6  
 127 <212> TYPE: PRT  
 128 <213> ORGANISM: Artificial sequence  
 W--> 129 <220> FEATURE:  
 130 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
 W--> 131 <400> SEQUENCE: 13  
 132 Cys Ile Leu Ile Leu Leu  
 E--> 133 1 5  
 134 <210> SEQ ID NO: 14  
 135 <211> LENGTH: 6  
 136 <212> TYPE: PRT  
 137 <213> ORGANISM: Artificial sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737A

DATE: 08/04/2006

TIME: 10:13:06

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\08042006\J512737A.raw

W--> 138 <220> FEATURE:  
139 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
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141 Thr Met Val Leu Leu Phe  
E--> 142 1      S      5  
143 <210> SEQ ID NO: 15  
144 <211> LENGTH: 6  
145 <212> TYPE: PRT  
146 <213> ORGANISM: Artificial sequence  
W--> 147 <220> FEATURE:  
148 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized  
W--> 149 <400> SEQUENCE: 15  
150 Leu Phe Val Met Trp Met  
E--> 151 1      S      5

Some  
Error

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/04/2006  
PATENT APPLICATION: US/10/512,737A TIME: 10:13:07

Input Set : A:\pto.da.txt  
Output Set: N:\CRP4\08042006\J512737A,raw

22757A raw

Invalid Line Length:

~~The rules require that a line not exceed 72 characters in length. This includes spaces.~~

Seq#:9; Line(s) 92  
Seq#:11; Line(s) 113

## VERIFICATION SUMMARY

DATE: 08/04/2006

PATENT APPLICATION: US/10/512,737A

TIME: 10:13:07

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08042006\J512737A.raw

L:6 M:283 W: Missing Blank Line separator, <120> field identifier  
L:7 M:270 C: Current Application Number differs, Replaced Current Application No  
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE  
L:9 M:283 W: Missing Blank Line separator, <160> field identifier  
L:10 M:283 W: Missing Blank Line separator, <210> field identifier  
L:14 M:283 W: Missing Blank Line separator, <220> field identifier  
L:16 M:283 W: Missing Blank Line separator, <400> field identifier  
L:18 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1  
L:23 M:283 W: Missing Blank Line separator, <220> field identifier  
L:25 M:283 W: Missing Blank Line separator, <400> field identifier  
L:27 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2  
L:32 M:283 W: Missing Blank Line separator, <220> field identifier  
L:34 M:283 W: Missing Blank Line separator, <400> field identifier  
L:36 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3  
L:41 M:283 W: Missing Blank Line separator, <220> field identifier  
L:43 M:283 W: Missing Blank Line separator, <400> field identifier  
L:45 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4  
L:50 M:283 W: Missing Blank Line separator, <220> field identifier  
L:52 M:283 W: Missing Blank Line separator, <400> field identifier  
L:54 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5  
L:59 M:283 W: Missing Blank Line separator, <220> field identifier  
L:61 M:283 W: Missing Blank Line separator, <400> field identifier  
L:63 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6  
L:68 M:283 W: Missing Blank Line separator, <220> field identifier  
L:70 M:283 W: Missing Blank Line separator, <400> field identifier  
L:72 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7  
L:78 M:283 W: Missing Blank Line separator, <220> field identifier  
L:80 M:283 W: Missing Blank Line separator, <400> field identifier  
L:82 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8  
L:87 M:283 W: Missing Blank Line separator, <220> field identifier  
L:89 M:283 W: Missing Blank Line separator, <400> field identifier  
L:92 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9  
L:93 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9  
L:95 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9  
L:100 M:283 W: Missing Blank Line separator, <220> field identifier  
L:102 M:283 W: Missing Blank Line separator, <400> field identifier  
L:104 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10  
L:109 M:283 W: Missing Blank Line separator, <220> field identifier  
L:111 M:283 W: Missing Blank Line separator, <400> field identifier  
L:113 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11  
L:114 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11  
L:120 M:283 W: Missing Blank Line separator, <220> field identifier  
L:122 M:283 W: Missing Blank Line separator, <400> field identifier  
L:124 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12  
L:129 M:283 W: Missing Blank Line separator, <220> field identifier  
L:131 M:283 W: Missing Blank Line separator, <400> field identifier  
L:133 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:13

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/512,737A

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08042006\J512737A.raw

L:138 M:283 W: Missing Blank Line separator, <220> field identifier  
L:140 M:283 W: Missing Blank Line separator, <400> field identifier  
L:142 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:14  
L:147 M:283 W: Missing Blank Line separator, <220> field identifier  
L:149 M:283 W: Missing Blank Line separator, <400> field identifier  
L:151 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15